

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	DAVIS et al.	Examiner:	Unassigned
Serial No.:	Unassigned	Group Art Unit:	Unassigned
Filed:	February 12, 2004	Docket No.:	SJO920030063US1 (IBMS.075PA)
Title:	METHOD AND APPARATUS FOR PROVIDING HIGH DENSITY STORAGE		

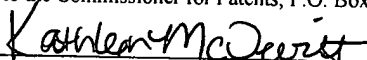
CERTIFICATE UNDER 37 CFR 1.10

Express Mail' mailing label number: EV 381019498 US

Date of Deposit: February 12, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:


Name: Kathleen McDevitt

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted either within three months of the filing date or before the first Office Action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), and the 05 August 2003 Official Gazette Notice, only a copy of each foreign document or non-U.S. patent/application listed on the enclosed Form 1449 is provided.

Please note that any notations or markings on the attached documents do not reflect particular relevance, or lack thereof, to the present application, nor were they necessarily made by anyone affiliated with the prosecution of the present application.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

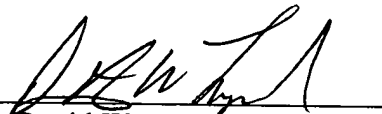
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Crawford Maunu PLLC
1270 Northland Drive
Suite 390
St. Paul, MN 55120
651/686-6633

Date: February 12, 2004

By: _____


David W. Lynch
Reg. No. 36,204

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: SJO920030063US1	Application Number: Unassigned
	Applicant: DAVIS et al.	
	Filing Date: 02/12/2004	Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,423,046	06/06/1995	NUNNELLEY et al.				
	5,895,493	04/20/1999	GATICA				
	5,974,503	10/26/1999	VENKATESH et al.				
	4,811,275	03/07/1989	BALOGH, JR et al.				
	5,398,158	03/14/1995	FISHER et al.				
	5,687,089	11/11/1997	DEYESSO				
	6,112,276	08/29/2000	HUNT et al.				
	6,301,640	10/09/2001	BARVE et al.				
	6,483,660	11/19/2002	AKAGI et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	JP 2002073393A	03/12/2002	Japan			Abstract Only	
	EP 0 125 920	11/21/1984	EP			Yes	
	EP 0560529A2	09/15/1993	EP			Yes	
	GB 2266615A	11/03/1993	Great Britain			Yes	
	WO 9718553A1	05/22/1997	PCT			Yes	
	JP 11282636A	02/13/2001	Japan			Yes	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	December 1994	IBM Technical Disclosure Bulletin, Vol. 37, No. 12, December 1994, pp. 525-527.					

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	